

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/809,821

CRF Edit Date: 7/28/04
Edited by: JL

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

ENTERED

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

✓ Other: Deleted Numbering of
a stop codon in seq ID #1.



IFWO

RAW SEQUENCE LISTING

DATE: 07/28/2004

PATENT APPLICATION: US/10/809,821

TIME: 12:23:56

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\07282004\J809821.raw

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3 <110> APPLICANT: Nakamura, Yusuke
4      Daigo, Yataro
5      Oncotherapy Science, Inc.
6      Japan as Represented by
7      The President of the University of Tokyo
9 <120> TITLE OF INVENTION: Methods for Damaging Cells Using Effector Functions of
10     Anti-FAM3D Antibodies
12 <130> FILE REFERENCE: 082368-000700US
14 <140> CURRENT APPLICATION NUMBER: US 10/809,821
15 <141> CURRENT FILING DATE: 2004-03-24
17 <160> NUMBER OF SEQ ID NOS: 2
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 1322
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
26 <220> FEATURE:
27 <221> NAME/KEY: CDS
28 <222> LOCATION: (298)..(972)
29 <223> OTHER INFORMATION: FAM3D
31 <400> SEQUENCE: 1
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38 gggtcaggga cctacggcac ctgctggacc acctgcctt ctccatcgaa gcagggaagt 240
40 gggagcctcg agccctcggg tggaagctga cccaagcca cccttcacct ggacagg 297
42 atg aga gtg tca ggt gtg ctt cgc ctc ctg gcc ctc atc ttt gcc ata 345
43 Met Arg Val Ser Gly Val Leu Arg Leu Leu Ala Leu Ile Phe Ala Ile
44 1 5 10 15
46 gtc acg aca tgg atg ttt att cga agc tac atg agc ttc agc atg aaa 393
47 Val Thr Thr Trp Met Phe Ile Arg Ser Tyr Met Ser Phe Ser Met Lys
48 20 25 30
50 acc atc cgt ctg cca cgc tgg ctg gca gcc tcg ccc acc aag gag atc 441
51 Thr Ile Arg Leu Pro Arg Trp Leu Ala Ala Ser Pro Thr Lys Glu Ile
52 35 40 45
54 cag gtt aaa aag tac aag tgt ggc ctc atc aag ccc tgc cca gcc aac 489
55 Gln Val Lys Lys Tyr Lys Cys Gly Leu Ile Lys Pro Cys Pro Ala Asn
56 50 55 60
58 tac ttt gcg ttt aaa atc tgc agt ggg gcc gcc aac gtc gtg ggc cct 537
59 Tyr Phe Ala Phe Lys Ile Cys Ser Gly Ala Ala Asn Val Val Gly Pro
60 65 70 75 80
62 act atg tgc ttt gaa gac cgc atg atc atg agt cct gtg aaa aac aat 585
63 Thr Met Cys Phe Glu Asp Arg Met Ile Met Ser Pro Val Lys Asn Asn

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68      100      105      110
70 gtg ctg gga cag aag gca ttt gac atg tac tct gga gat gtt atg cac 681
71 Val Leu Gly Gln Lys Ala Phe Asp Met Tyr Ser Gly Asp Val Met His
72      115      120      125
74 cta gtg aaa ttc ctt aaa gaa att ccg ggg ggt gca ctg gtg ctg gtg 729
75 Leu Val Lys Phe Leu Lys Glu Ile Pro Gly Gly Ala Leu Val Leu Val
76      130      135      140
78 gcc tcc tac gac gat cca ggg acc aaa atg aac gat gaa agc agg aaa 777
79 Ala Ser Tyr Asp Asp Pro Gly Thr Lys Met Asn Asp Glu Ser Arg Lys
80 145      150      155      160
82 ctc ttc tct gac ttg ggg agt tcc tac gca aaa caa ctg ggc ttc cgg 825
83 Leu Phe Ser Asp Leu Gly Ser Ser Tyr Ala Lys Gln Leu Gly Phe Arg
84      165      170      175
86 gac agc tgg gtc ttc ata gga gcc aaa gac ctc agg ggt aaa agc ccc 873
87 Asp Ser Trp Val Phe Ile Gly Ala Lys Asp Leu Arg Gly Lys Ser Pro
88      180      185      190
90 ttt gag cag ttc tta aag aac agc cca gac aca aac aaa tac gag gga 921
91 Phe Glu Gln Phe Leu Lys Asn Ser Pro Asp Thr Asn Lys Tyr Glu Gly
92      195      200      205
94 tgg cca gag ctg ctg gag atg gag ggc tgc atg ccc ccg aag cca ttt 969
95 Trp Pro Glu Leu Leu Glu Met Glu Gly Cys Met Pro Pro Lys Pro Phe
96      210      215      220
98 tag ggtggctgtg gctcttcctc agccaggggc ctgaagaagc tcctgcctga 1022
101 cttaggagtc agagcccggc aggggctgag gaggaggagc aggggggtgct gcgtggaagg 1082
103 tgctgcaggt ccttgacgc tgtgtgcgc ctctcctcct cggaacaga accctcccac 1142
105 agcacatcct acccggaaga ccagcctcag agggtccttc tggaaccagc tgtctgtgga 1202
107 gagaatgggg tgctttcgtc agggactgct gacggctggc cctgaggaag gacaaactgc 1262
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113 <211> LENGTH: 224
114 <212> TYPE: PRT
115 <213> ORGANISM: Homo sapiens
117 <220> FEATURE:
118 <223> OTHER INFORMATION: FAM3D
120 <400> SEQUENCE: 2
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123 Val Thr Thr Trp Met Phe Ile Arg Ser Tyr Met Ser Phe Ser Met Lys
124 20 25 30
125 Thr Ile Arg Leu Pro Arg Trp Leu Ala Ala Ser Pro Thr Lys Glu Ile
126 35 40 45
127 Gln Val Lys Lys Tyr Lys Cys Gly Leu Ile Lys Pro Cys Pro Ala Asn
128 50 55 60
129 Tyr Phe Ala Phe Lys Ile Cys Ser Gly Ala Ala Asn Val Val Gly Pro
130 65 70 75 80
131 Thr Met Cys Phe Glu Asp Arg Met Ile Met Ser Pro Val Lys Asn Asn

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DATE: 07/28/2004

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Output Set: N:\CRF4\07282004\J809821.raw

132				85				90					95			
133	Val	Gly	Arg	Gly	Leu	Asn	Ile	Ala	Leu	Val	Asn	Gly	Thr	Thr	Gly	Ala
134				100					105					110		
135	Val	Leu	Gly	Gln	Lys	Ala	Phe	Asp	Met	Tyr	Ser	Gly	Asp	Val	Met	His
136			115					120					125			
137	Leu	Val	Lys	Phe	Leu	Lys	Glu	Ile	Pro	Gly	Gly	Ala	Leu	Val	Leu	Val
138		130					135						140			
139	Ala	Ser	Tyr	Asp	Asp	Pro	Gly	Thr	Lys	Met	Asn	Asp	Glu	Ser	Arg	Lys
140	145					150					155					160
141	Leu	Phe	Ser	Asp	Leu	Gly	Ser	Ser	Tyr	Ala	Lys	Gln	Leu	Gly	Phe	Arg
142				165						170					175	
143	Asp	Ser	Trp	Val	Phe	Ile	Gly	Ala	Lys	Asp	Leu	Arg	Gly	Lys	Ser	Pro
144				180					185					190		
145	Phe	Glu	Gln	Phe	Leu	Lys	Asn	Ser	Pro	Asp	Thr	Asn	Lys	Tyr	Glu	Gly
146			195					200					205			
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/809,821

DATE: 07/28/2004

TIME: 12:23:57

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\07282004\J809821.raw



IFWO

RAW SEQUENCE LISTING

DATE: 07/23/2004

PATENT APPLICATION: US/10/809,821

TIME: 12:47:26

Input Set : A:\82368-7.app

Output Set: N:\CRF4\07232004\J809821.raw

3 <110> APPLICANT: Nakamura, Yusuke
 4 Daigo, Yataro
 5 Oncotherapy Science, Inc.
 6 Japan as Represented by
 7 The President of the University of Tokyo
 9 <120> TITLE OF INVENTION: Methods for Damaging Cells Using Effector Functions of
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 27 <221> NAME/KEY: CDS
 28 <222> LOCATION: (298)..(972)
 29 <223> OTHER INFORMATION: FAM3D
 31 <400> SEQUENCE: 1

Does Not Comply
 Corrected Diskette Needed

(pg. 2)

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 34 aacactccgt ctcaccctct gggcccactg catctagagg agggccgtct gtgaggccac 120
 36 taccctcca gcaactggga ggtgggactg tcagaagctg gccagggtg gtggtcagct 180
 38 gggtcaggga cctacggcac ctgctggacc acctgcctt ctccatcgaa gcagggaagt 240
 40 gggagcctcg agccctcggg tggaagctga cccaagcca cccttcacct ggacagg 297
 42 atg aga gtg tca ggt gtg ctt cgc ctc ctg gcc ctc atc ttt gcc ata 345
 43 Met Arg Val Ser Gly Val Leu Arg Leu Leu Ala Leu Ile Phe Ala Ile
 44 1 5 10 15
 46 gtc acg aca tgg atg ttt att cga agc tac atg agc ttc agc atg aaa 393
 47 Val Thr Thr Trp Met Phe Ile Arg Ser Tyr Met Ser Phe Ser Met Lys
 48 20 25 30
 50 acc atc cgt ctg cca cgc tgg ctg gca gcc tcg ccc acc aag gag atc 441
 51 Thr Ile Arg Leu Pro Arg Trp Leu Ala Ala Ser Pro Thr Lys Glu Ile
 52 35 40 45
 54 cag gtt aaa aag tac aag tgt ggc ctc atc aag ccc tgc cca gcc aac 489
 55 Gln Val Lys Lys Tyr Lys Cys Gly Leu Ile Lys Pro Cys Pro Ala Asn
 56 50 55 60
 58 tac ttt gcg ttt aaa atc tgc agt ggg gcc gcc aac gtc gtg ggc cct 537

RAW SEQUENCE LISTING

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TIME: 12:47:26

Input Set : A:\82368-7.app

Output Set: N:\CRF4\07232004\J809821.raw

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63 Thr Met Cys Phe Glu Asp Arg Met Ile Met Ser Pro Val Lys Asn Asn
64 85 90 95
66 gtg ggc aga ggc cta aac atc gcc ctg gtg aat gga acc acg gga gct 633
67 Val Gly Arg Gly Leu Asn Ile Ala Leu Val Asn Gly Thr Thr Gly Ala
68 100 105 110
70 gtg ctg gga cag aag gca ttt gac atg tac tct gga gat gtt atg cac 681
71 Val Leu Gly Gln Lys Ala Phe Asp Met Tyr Ser Gly Asp Val Met His
72 115 120 125
74 cta gtg aaa ttc ctt aaa gaa att ccg ggg ggt gca ctg gtg ctg gtg 729
75 Leu Val Lys Phe Leu Lys Glu Ile Pro Gly Gly Ala Leu Val Leu Val
76 130 135 140
78 gcc tcc tac gac gat cca ggg acc aaa atg aac gat gaa agc agg aaa 777
79 Ala Ser Tyr Asp Asp Pro Gly Thr Lys Met Asn Asp Glu Ser Arg Lys
80 145 150 155 160
82 ctc ttc tct gac ttg ggg agt tcc tac gca aaa caa ctg ggc ttc cgg 825
83 Leu Phe Ser Asp Leu Gly Ser Ser Tyr Ala Lys Gln Leu Gly Phe Arg
84 165 170 175
86 gac agc tgg gtc ttc ata gga gcc aaa gac ctc agg ggt aaa agc ccc 873
87 Asp Ser Trp Val Phe Ile Gly Ala Lys Asp Leu Arg Gly Lys Ser Pro
88 180 185 190
90 ttt gag cag ttc tta aag aac agc cca gac aca aac aaa tac gag gga 921
91 Phe Glu Gln Phe Leu Lys Asn Ser Pro Asp Thr Asn Lys Tyr Glu Gly
92 195 200 205
94 tgg cca gag ctg ctg gag atg gag ggc tgc atg ccc ccg aag cca ttt 969
95 Trp Pro Glu Leu Leu Glu Met Glu Gly Cys Met Pro Pro Lys Pro Phe
96 210 215 220
98 tag ggtggctgtg gctcttcctc agccaggggc ctgaagaagc tcctgcctga 1022
E--> 100 225
102 cttaggagtc agagcccggc aggggctgag gaggaggagc aggggggtgct gcgtggaagg 1082
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110 ccagacttga gcccaattaa attttatttt tgctggtttt gaatgaaaaa aaaaaaaaaa 1322

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PATENT APPLICATION: US/10/809,821

DATE: 07/23/2004

TIME: 12:47:27

Input Set : A:\82368-7.app

Output Set: N:\CRF4\07232004\J809821.raw

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